



# NEWSLETTER

by the OMCA Board Members

Volume 49, No. 1

[www.ohiomosquito.org](http://www.ohiomosquito.org)

July, 2014

## **PRESIDENT**

**Paul Bauman, M.S., R.S.**

Toledo Area Sanitary District  
5015 Stickney Avenue  
Toledo, Ohio 43612  
Phone: (419) 726-7891  
[pbauman@tasd-mosquitoes.org](mailto:pbauman@tasd-mosquitoes.org)

## **PRESIDENT ELECT**

**Greg Putka, R.S.**

5550 Venture Drive  
Parma, Ohio 44130  
Phone: (216) 201-2001 ext.1236  
[gputka@ccbh.net](mailto:gputka@ccbh.net)

## **VICE PRESIDENT**

**Michael B. Cooper, R.S.**

Athens City-County Health Department  
12576 N. Peach Ridge Road  
Athens, Ohio 45701  
Phone: (740) 592-4431 ext. 248  
[cooper@health.athens.oh.us](mailto:cooper@health.athens.oh.us)

## **SECRETARY**

**Richard Gary, PhD**

Ohio Department of Health  
8995 E. Main St.  
Reynoldsburg, Ohio 43068  
Phone: (614) 752-1031  
[richard.gary@odh.ohio.gov](mailto:richard.gary@odh.ohio.gov)

## **TREASURER**

**Joe Lynch, R.S., M.P.H.**

12300 Spruce Pointe  
Strongsville, Ohio 44149  
Phone: (216) 201-2001 ext. 1241  
[jlynch@ccbh.net](mailto:jlynch@ccbh.net)

## **PAST PRESIDENT**

**Mary Daniels**

Ohio Department of Health  
8995 E. Main St.  
Reynoldsburg, Ohio 43068  
Phone: (614) 752-1030  
[mary.daniels@odh.ohio.gov](mailto:mary.daniels@odh.ohio.gov)

## **MEMBER AT LARGE**

**Terry Tuttle**

Summit County Public Health  
Environmental Health Supervisor  
Phone: (330) 926-5630  
[ttuttle@schd.org](mailto:ttuttle@schd.org)

*Aedes albopictus* Mosquito photo  
above by James Gathany.

All photos in this newsletter are  
by James Gathany or an unknown  
photographer and were obtained  
from the CDC.

## In This Issue

- Annual Conference Announcement
- Grant-In-Aid
- *Aedes albopictus* Testimonial
- Disease Spotlight: Chikungunya



## Message from the President

Fasten your seatbelts!! If the weather we experienced during the winter is any indication of what lies ahead... this mosquito season is destined to be a wild ride! Record snowfalls around the state created springtime flooding and challenging conditions that we have had to overcome as the weather has finally warmed. I guess the unpredictability of the weather is part of what keeps our profession interesting.

As we all get busy with operations this season, I want to update you on what has happened in our organization since we met in Richfield last fall. The Board has met and decided to have this year's conference in Athens on October 26th-28th, returning to the traditional two-day format. Please plan on attending! We are working hard on putting together an agenda that will focus on the "nuts and bolts" of an integrated mosquito management approach to our profession. We have already secured commitments from Roger Nasci of the CDC and Joe Conlon of the AMCA to speak and be in attendance. Further details about this fall's conference will be available on the web and in the next newsletter as soon as they become available.

We have officially launched the new website for OMCA at [www.ohiomosquito.org](http://www.ohiomosquito.org)! We are still working on content for this site and would love suggestions about features you would like to see available on our website. If you have suggestions or ideas, please contact one of the Board members.

OMCA membership remains steady and the Board is working on implementing some of the ideas discussed at our conference business meeting to increase interest and awareness about our organization. We have reached out to the Ohio Environmental Health Association (OEHA) as well as other statewide groups and organizations to promote our conference and association.

continued on the inside

continued from the front page

Our Board has also contacted the American Mosquito Control Association to grow our relationship with this important organization. We are establishing a connection between our new website and the content available from AMCA.

Lastly, I encourage us all to continuing educating ourselves, promote our environmentally responsible mosquito control programs, and utilize our association whenever possible. I wish you all a fantastic and successful mosquito control season!

Your President,

Paul R. Bauman, MS, RS



## Grant-In-Aid Program

This past fall, Travis Caulkins and Liu Lang received “Grant-In-Aid” awards from OMCA. Both recipients will be presenting their findings at the annual conference in October. We are looking forward to learning about their projects that our organization helped to fund.

After awarding two grants in 2013, the OMCA Board Members voted to suspend the Grant-In-Aid program for the 2014 season, in an effort to preserve funds for future applicants.

The program will return again in 2015 after we have a successful conference in Athens!



## Aedes albopictus Testimonial

I was sitting on my front porch eating dinner with my wife and was rudely interrupted by two female *Aedes albopictus* (Asian tiger mosquito) mosquitoes as they found a nice spot to take a blood meal on my upper arm. Many central Ohioans are already feeling as aggravated as I am with these aggressive mosquitoes as they’ve made a nice home and have grown comfortable in our state. These mosquitoes have put local health departments and mosquito abatement districts in a difficult position because of the overwhelming nuisance they are and for the potential they pose for spreading mosquito-borne diseases to humans such as dengue and chikungunya viruses.

The Asian tiger mosquito has been endemic in Columbus, as well as many other parts of the state for numerous years. Our first inclination of this mosquito occurred over five years ago when one of our employees was swarmed by black and white colored mosquitoes as he was attempting to set a trap. The first thing many individuals notice, as our trapper did a few years ago was the mosquitoes aggressive biting habit and their distinct black and white color patterns on their head and thorax.

Although in small numbers, we’ve been able to catch Asian tiger mosquitoes by using CDC gravid traps and CDC light traps. The BG-Sentinel mosquito trap claims it attracts Asian tiger mosquitoes so it may be a viable option to catch these mosquitoes in large quantities. If you’re brave and really want to know if this

mosquito is in your area you could always stand around a pile of scrap tires and wait a few minutes as their potential prey. However as a public health professional I discourage this method. To the lucky individuals in northwest Ohio which live without these pests, continue refusing scrap tires from Columbus if this is the strategy you’ve used to keep these mosquitoes away so far.

The invasive mosquito I’ve grown tired of repeating has been incredibly comfortable, and has expanded its population significantly primarily due to the easy life us humans give them. However there is much we can do to minimize their numbers. Scrap tire generators need to be closely monitored and rain barrel enthusiasts need to be educated to aid health departments and mosquito abatement districts minimize Asian tiger mosquito populations.

Enjoy the remainder of spring and beginning of summer and be sure to keep mosquito repellent nearby!

**Scott Whittaker, RS/REHS**  
**Vector Control Program Manager**  
**Columbus Public Health**  
**614.645.6153**



## Chikungunya

Chikungunya virus is an arbovirus transmitted to people by mosquitoes. The most common symptoms are fever and joint pain. Other symptoms may include headache, muscle pain, joint swelling, or rash. The disease is not often fatal, but symptoms can be severe and disabling. Unlike other arboviruses, where a relatively small number of those infected develop symptoms, most people infected with chikungunya virus develop symptoms.

In late 2013, the first local transmission of chikungunya virus in the Americas was reported from a few Caribbean countries and territories. Prior to that, outbreaks occurred in Africa, Asia, Europe and the Indian and Pacific Oceans. The virus continues to spread in the Caribbean region and local transmission has now been reported in at least 17 Caribbean and South American countries and territories. This has led to an increase in the number of infected travelers returning to the United States from affected regions. In Ohio, for example, we currently have a few potential travel-related cases under investigation.

So far, there is no evidence of local transmission of chikungunya in the continental United States. There is concern, however, that local transmission and outbreaks could occur in areas where the daytime biting mosquito vectors *Aedes aegypti* and *Aedes albopictus* occur. This is because travelers can maintain levels of virus in their blood (viremia) high enough to infect biting mosquito vectors for a week after illness onset. To prevent further spread of the virus, it is important for people to avoid mosquito bites during the first week of illness.

The primary vector in the Caribbean, *Aedes aegypti*, is thankfully not established in Ohio. It has been rarely imported here, but cannot survive our winters. The other chikungunya vector, *Aedes albopictus*, also known as the Asian tiger mosquito, is well established in Ohio and has been identified from at least 37 counties (see map). Further surveillance targeting this species would likely identify additional counties and locations in which it is established.

Chikungunya virus infection should be considered in patients with acute onset of fever and polyarthralgia, especially those who have recently traveled to the Caribbean. CDC has issued guidance for U.S. state and territorial health departments for the investigation, diagnosis, and response to chikungunya virus disease cases. The guidance is attached and is also available in the Alert Details Section of the OPHCS homepage. Suspect cases of chikungunya can be reported as “Other arthropod-borne disease” in the Ohio Disease Reporting System (ODRS). Please contact the Ohio Department of Health Zoonotic Disease Program at (614) 995-5599 for questions or to arrange testing.

For more information on chikungunya, please visit the Centers for Disease Control and Prevention Chikungunya Virus Page at:

<http://www.cdc.gov/chikungunya>

For information specific to chikungunya in the Americas, including frequently updated maps and tables, visit:

<http://www.cdc.gov/chikungunya/geo/americas.html>

For information on WNV and other arboviruses visit:

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6324a1.htm?s\\_cid=mm6324a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6324a1.htm?s_cid=mm6324a1_e)

**Asian Tiger Mosquito, *Aedes albopictus*, Ohio\***



# OMCA PRE-REGISTRATION

## 48th ANNUAL OHIO MOSQUITO CONTROL ASSOCIATION MEETING

October 27-28, 2014 (Early Bird Hospitality 7pm - 9pm October 26, 2014)

The Ohio University Inn

331 Richland Avenue Athens, Ohio 45701

THIS IS NOT THE HOTEL REGISTRATION - DEADLINE FOR HOTEL RESERVATION FOR GROUP ROOM RATE IS October 1, 2014

OMCA Group Rate is \$109.00 (Plus Applicable Taxes.) Reserve Hotel Room Early

The Ohio University Inn Phone: 740-589-3704 / Fax Number: 740-589-3716

NAME: \_\_\_\_\_

WORK AFFILIATION: \_\_\_\_\_

( ) WORK ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

( ) HOME ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

( X ) Indicate above the Preferred Address that you wish to receive OMCA mailings.

Work Phone: ( ) \_\_\_\_\_

Home Phone: ( ) \_\_\_\_\_

Email: \_\_\_\_\_

ANNUAL MEETING PRE-REGISTRATION:	\$100	Full Conference
ANNUAL MEETING ONE DAY PRE-REG:	\$75	One day, please circle: Monday or Tuesday
REGISTRATION AT THE DOOR:	\$125	

REGISTRATION INCLUDES: OMCA MEMBERSHIP, NEWSLETTERS, ANNUAL MEETING PROCEEDINGS, AND LUNCH

### STUDENT MEMBERSHIP:

\$5 (MEMBERSHIP) LUNCH \$15 A DAY

MAKE CHECK PAYABLE TO: OHIO MOSQUITO CONTROL ASSOCIATION

**REGULAR MEMBERSHIP:** If you are unable to attend the Annual Meeting and wish to continue as a member in good standing. Please mail dues remittance with this form now. Membership Dues of \$25 annually entitle members to Newsletters and the Proceedings from the OMCA Annual Meeting.

**OMCA Dues for the ensuing year are due at Annual Meeting.**

Mail Pre-Registration and payment to: **OHIO MOSQUITO CONTROL ASSOCIATION**  
Joe Lynch, Treasurer  
12300 Spruce Pointe  
Strongsville OH 44149

**Annual Meeting Pre-Registration payment must be received by October 13, 2014**

Meeting Registration: Joe Lynch, 216-201-2001 ext 1241 or e-mail: jlynch@ccbh.net

Cancellations after October 13, Minus Membership and Cost of Meals

**OMCA Website: [www.ohiomosquito.org](http://www.ohiomosquito.org)**



**OHIO MOSQUITO CONTROL ASSOCIATION**

12300 Spruce Pointe  
Strongsville, OH 44149



*Join Us At The* **2014**

**ANNUAL  
MEETING**



**October 27 & 28 at Ohio University**

*includes*

- **Speakers from  
CDC & AMCA**
- **RS & ODA Credits**

*to register or  
for more info visit:*

**[www.ohiomosquito.org](http://www.ohiomosquito.org)**